

Title (en)

Lighting device for dashboard indicating instruments

Title (de)

Beleuchtungseinrichtung für Anzeigeeinstrumente in einem Armaturenbrett

Title (fr)

Dispositif d'éclairage d'indicateur et tableau de bord incorporant celui-ci

Publication

EP 0736415 B1 19990922 (FR)

Application

EP 96400745 A 19960405

Priority

FR 9504033 A 19950405

Abstract (en)

[origin: EP0736415A1] The lighting device includes a light source, preferably a filament lamp (22) or LED in a lamp holder (24) on a printed circuit board (10). It is centred at one focus (F1) of an ellipsoidal reflector (30) having its major axis (32) at right angles to the board. The beam is directed towards the indicator by a secondary optical system in which a transparent plastic panel (42) serving as a light guide is centred at the other focus (F2) in a coaxial paraboloidal reflector (44). The secondary reflection may be redirected by prisms within the panel or by a diffusive coat of paint on its rear face (43).

IPC 1-7

B60Q 3/04

IPC 8 full level

B60Q 3/04 (2006.01)

CPC (source: EP)

B60Q 3/14 (2017.01); **B60Q 3/16** (2017.01); **B60Q 3/64** (2017.01)

Cited by

CN105556203A; DE10021114B4; EP1172784A3; GB2460139A; GB2460139B; US10351056B2; US7300164B2; US6957901B2; US7980739B2; US7011434B2; US6986591B2; WO0183264A1

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